

December 1, 2003

Project 184 Weekly Update
Website: www.project184.org

Summary of Environmental Planning and Compliance Activities
For Project 184
Week Ending December 5, 2003

South Fork American River Diversion Dam

Mead & Hunt was contacted this week regarding its plans to perform the third and final post-construction riverbed survey for assessing sediment transport in the vicinity of the dam in accordance with USFS 4(e) conditions.

Mill to Bull Tunnel

With completion of the Alder spoils handling area restoration, Carlton Engineering, Inc. monitoring under the FERC approved Water Quality Monitoring Plan will be discontinued for this area, and monitoring under the WDRs 5-00-215 of the spring outflow at the toe of the restored area will be reduced to a once-per-week interval. Rick Lind contacted Scott Kranhold of the RWQCB to explain the planned reductions in monitoring and to inform the RWQCB of the District's plans to coordinate with the USFS and then terminate the WDRs in early 2004 (the WDRs were issued jointly to the District and USFS).

Canal Bench Restoration

Final inspections of completed work on Spur Roads A and B leading to the Flume 29 area indicate the need for GBI's subcontractor (Decker) to apply additional seed pellets on Spur Road A. Coverage in some areas is adequate, but in other areas coverage is limited to about 10 percent of disturbed soils.

Lake Aloha Telemetry and Dam Maintenance

EN2 Resources, Inc. received additional clarification this week from Beth Paulson of the USFS regarding expected requirements for NEPA review and permitting.

Powerhouse Water Quality Monitoring

EN2 Resources conducted water quality monitoring of the SFAR on November 25 during operation of Unit 1 at 73 cfs and Unit 2 at 150 cfs. EN2 also began scheduling SMUD and District representatives for a planning meeting to review SMUD's design and the District's possible designs for continuous turbidity monitoring of powerhouse operations.

Echo Conduit System Repairs

By letter dated November 19, District General Counsel responded to an October 29 Tahoe Rim Trail Association letter requesting a bridge crossing for the Echo Conduit system. The District confirmed its commitment to install a crossing consistent with the

Project 184 Relicensing Settlement Agreement. The crossing will be planned, permitted, and constructed as part of the Conduit System Repairs Project.

SWPPP measures are in place and inspections are being performed as required.

Note: Higher flows are expected beginning October 28th through the end of the year in Silver Creek, Caples Creek, and South Fork of the American River. Our flows in the canal system will also be increased to maximum flow levels while we commence dynamic flume testing, and Power Generation.

Powerhouse Update:

Both Units #1 & Unit # 2 have been operating daily now since November 12, 2003 while EID crews perform further testing and adjustments. Beginning December 1st through December 9th the powerhouse will be operating 24 hours a day, while Flumes and MBT are tested for full canal flows.

Canal

The flows in the canal will be increased between December 1st through 9th, to maximum flow levels while we commence dynamic flume testing, and Power Generation. The canal is being patrolled on a daily basis and there have been no major problems found which would prevent the canal to be filled to its capacity. SCADA is being manned 24 hours a day to insure the reliable and safe operation of the canal.

The residence houses located on the canal have been filled by Camp #5 Hydro employees which will insure the reliable and safe operation of the canal.

Bull Portal dewatering pump rewiring is scheduled to commence by November 19, 2003 and weather permitting will be completed by mid December.

Goodfellows is done hauling concrete sections of flume from the staging area to Sierra Pacific Industries property at Plum Creek. The roads out of the staging areas need to be graded but due to the weather we might have to wait until next year.

EID crews are working at the Staging areas dismantling the old flume and structures, which were located on the canal bench. The reusable material is being hauled to Camp #5 and stock piled, the trash is being hauled to a landfill. The snow has caused minor delays in the work but everything should be back on course.

A drill rig was flown into the area between Flumes #6 & 7. Horizontal drains would be installed to relive the water pressure against the canal section. EID plans on commencing this work November 19, 2003, and should be completed by December 7, 2003.

A letter has been sent to Sierra Pacific Industries requesting permission to install a gate on the access road into Flumes 39 & 40. The work on repairing the slide is processing and the replacing of the generator has taken place. It was noted that there was several

stringers that were rotted under the flume and decided to replace them while the crew was in the area. The repairs were done last week and the access will be water bared for the winter.

The work has been complete at the Alder Creek Diversion Dam and the unused material and equipment will be flown out November 19, 2003. The work required changing the sluice gate, repairing the grizzly gate, repair work on the upstream face of the diversion structure and moving some rocks off the side of the flow channel. The repairs required welding and cement based grout work. All work was done in compliance with our Stream Alteration Agreement.

Work was completed last week on the slides and Restoration project on the Lower Portals of Alder Creek Road. The contractor was Macauley Construction and EID had an inspector on the site overseeing the work. Care has been taken that all erosion work has been taken care of for the winter.

Training- Mike Taylor /USFS El Dorado National Forest Conducted this Training:

This Noxious Weed Training was given by the Forest Service on the proper way of cleaning the equipment before it is moved from one location to another to minimize the transporting of noxious weeds. This class was very informative and I would recommend this as a public workshop for all El Dorado County residents to spread awareness.

Echo Lake

The flashboards have been removed from the spillway and the conduit has been shut down for the winter. A letter has been sent to the agency requesting permission to remove the EAP site for the winter. Plans and a schedule are being drawing up to repair or replace the conduit and tunnel at Echo Lake in project phases over the next few years. The slumps and rock fall, which has occurred in the tunnel, have been surveyed and plans are being made to repair them. Safety fence has been installed around the areas of concern.

Caples Lake

Work has been completed on the rip raping of the Caples Lake Main Dam and Auxiliary Dam. EID is acquiring rock from the site at Tragedy Springs, which should help put to rest any concerns about noxious weeds. EID would like to thank the Forest Service and Ladd Construction Company for allowing the use of the rock. Also the trail at the parapet wall at the Auxiliary Dam is being graded and repaired.

The flashboards have been removed from the spillway and the facilities have been winterized.

Silver Lake

The radial gates are fully opened, the flashboards removed for winter and the facilities have been winterized.

Lake Aloha

EID is working closely with the proper agencies to acquire permits for Lake Aloha Dam to install a telemetry station and make repairs to the dam, planed for the fall of 2004. An inspection trip was made Oct.29 with US Forest Service, EN2 and EID to check the location of the telemetry site.

A visit was made October 29, 2003 to Lake Aloha.

Staff 5.64 = 29.5 AF

Lake Aloha is shut down for the winter, which is the normal operating pattern.

**Listed below are the Projects readings for December 1, 2003,
Taken from SCADA:**

	Staff	Ac. Ft.	Draft
Echo Lake	.0	0	0
Echo Conduit	0		0
Echo Creek	1.32		.209
Caples Lake	46.58	13,540	91.1
Silver Lake	6.82	1,926	50.6 cfs
Pyramid Creek	1.54=7.31cfs		

There is 99.2 cfs @ A-11cfs being released into the canal at Intake and 59.7 cfs flowing in the South Fork of the American River at Intake.

A-17 Forebay Storage 3,796.0 = 272 af.

A-18 EID Irrigation Usage is .09 = .985 cfs.

Mark Korkowski
Co-Head Hydro Operations
530-647-5152

Steve Lindstrom
Water System Supervisor
530-647-5169